

RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRILL RECORD

LOCATION : 249295 E 181198 N	HOLE NO : 77-155	
AZIMUTH : -	PROPERTY : Gayna	
DIP : 90°	LENGTH : 618'	ELEVATION : 5255'
STARTED : July 28, 1977	CORE SIZE : BQ	DATE LOGGED : July 30 1977
CLAIM NO. : RT 31	SECTION :	
COMPLETED : July 29, 1977	DIP TESTS : -	LOGGED BY : R. Hewton
PURPOSE :	CONTRACTOR : Canadian Longyear	

FOOTAGE		DESCRIPTION	SAMPLE NO	FOOTAGE		LENGTH	Zn					
from	to			from	to							
0	4.0	STICKUP	C301329	59.0	64.0	5.0'	0.65					
4.0	13	OVERBURDEN	C301330	64.0	66.0	2.0'	6.00					
			C301331	66.0	69.0	3.0'	0.65					
			C301332	69.0	72.0	3.0'	1.56					
13	59	SILTY DOLOSTONE	C301333	72.0	76.0	4.0'	19.75					
		Thinly bedded, yellowish-brown very little influx.	C301334	76.0	78.0	2.0'	15.80					
		13 to 37' - dolomitic limestone.	C301335	78.0	81.9	3.9'	0.63					
		37 to 59' - dolostone, very fine grained.	C301336	81.9	84.0	2.1'	17.15					
			C301337	84.0	88.0	4.0'	1.87					
			C301338	88.0	93.0	5.0'	8.80					
59	79	CHERT NODULE UNIT	C301339	93.0	98.0	5.0'	3.90					
		Grey dolostone with 20% baryte and calcite influx.	C301340	98.0	100.0	2.0'	3.45					
		59 - 65' - distorted bedding, probably algal laminations. Calcite stringers parallel to bedding.	C301341	100.0	102.0	2.0'	0.27					
		Local mosaic breccias. Obscure blebs of chert.	C301342	102.0	106.0	4.0'	1.48					
			C301343	106.0	110.2	4.2'	0.80					
			C301344	110.2	114.0	3.8'	2.13					
			C301345	114.0	118.0	4.0'	0.24					
			C301346	118.0	123.0	5.0'	0.46					
		65 to 79' - dolostone. Numerous rubble and mosaic breccias with primarily calcite but some baryte matrix.	C301347	123.0	128.0	5.0'	0.32					
			C301348	128.0	133.0	5.0'	0.06					
			C301349	133.0	138.0	5.0'	0.77					
		Lower contact is very arbitrary.	C301350	138.0	143.0	5.0'	0.17					
		Pale yellow to orange-yellow sphalerite is associated with the calcite	C301351	143.0	148.0	5.0'	0.06					

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FOOTAGE		DESCRIPTION	SAMPLE No	FOOTAGE		LENGTH						
from	to			from	to							
		and baryte influx in thin rubble breccias. Sphalerite often coats the fragments. Sphalerite is often disseminated in fragments. 64 - 72' - 8' approximately 2.5% zinc. 72' - 79' - 7' - 10% zinc.										
79	310	UPPER HOST 79 to 126' - grey, fine grained dolostone with abundant calcite and minor baryte influx (25%) in the form of rubble and mosaic breccias. Well developed oolite beds with spiked texture, the best being from 106 - 110.2'. Stylolites are poorly formed. Fragment boundaries are sharp but very irregular. Occasional argillaceous bands with disseminated or bands of pyrite such as at 88.7'. Abundant sphalerite mineralization in the influx and disseminated in fragments, regular beds or oolite beds. See 99.5' for disseminated sphalerite in oolites. 79 - 82' - 2% zinc approximate. 82 - 84' - 10% zinc. 84 - 106' - 2% zinc. 106 - 138' - 1% zinc. Sphalerite is a combination of influx material and replacement. There are occasional coarse circular blobs of sphalerite similar in appearance to the mineralization in the N showing although more brownish in colour. From 106' on the most										

